APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/810,534	03/19/2001	Masahiro Machida	108973	6709

25944 7590 10/11/2006	**EXAMINER**
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ART UNIT	PAPER NUMBER
2174	

DATE MAILED: 10/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	09/810,534	MACHIDA ET AL.
	Examiner	Art Unit
	Peng Ke	2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on *28 June 2006*.

2a) ☐ This action is **FINAL**.   2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-21* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-21* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some * c) ☐ None of:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____.

      3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

This action is responsive to communications: Amendment, filed on 6/28/06.

Claims 1-21 are pending in this application. Claims 1, 7, 13, 16, 18, 19 and 20 are

independent claims. In the Amendment, filed on 6/28/06, claims 16, 18, 20, and 21 were

amended.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-14, 16-18, and 20-21 are rejected under 35 U.S.C. 102(e) as being anticipated

by Bleizeffer US Patent 6,115,720.

As per claim 1, Bleizeffer teaches an operating method for sequentially performing

setting for plural items in a predetermined order, the method comprising:

Sequentially displaying, on a display device, plural setting frames provided to the plural

items; (figure 9, each operation on the left side of the frame is an item) and

Displaying all of the plural items in a single frame of the display device when one of the

plural setting frames is displayed, (figure 9, the window is a single frame) wherein items which

have been already set along with their set parameters (figure 18, column 13, lines 15-55; Jobs are

also information parameters set by the user), items which are being set along with parameters to

choose from, and items which have been assigned and not yet been set are display on the single

frame of the display device so as to be distinguishable from one another. (column 2, lines 44-61;

figure 18, column 13 lines 15-55; Jobs completed are items with parameters set. Jobs are that

running are items being set. Jobs that are ready to run are items not yet been set)

As per claim 3, Bleizeffer teaches the operating method as claimed in claim 1. Bleizeffer

further teaches wherein values which have been set are displayed for the items which have been

already set. (figure 13, column 54-55; The new default parameters are the values already set by

the user.)

As per claim 4, Bleizeffer teaches the operating method as claimed in claim 1. Bleizeffer

further teaches wherein an operation of display a setting frame for an item which has been

already set is allowed to be carried out when one of the plural setting frames is displayed.

(column 11, lines 31-column 12, lines 10)

As per claim 5, Bleizeffer teaches the operating method as claimed in claim 4. Bleizeffer

further teaches wherein the setting frame for the item which has been already set is displayed, the

setting for the item is carried out, and the setting frame being displayed is automatically restored

to a previous setting frame which is displayed just before setting frame for the item which has

been already set is displayed. (column 11, lines 31-column 12, lines 10; The display of the

current default value is the display of automatically restored value)

As per claim 6, Bleizeffer teaches the method of claim 5. Bleizeffer further teaches wherein when the setting frame is restored to the previous setting frame, a state which has been just previous set is maintained. (column 11, lines 31-column 12, lines 10)

As per claims 7 and 9-12, they are of similar scope to claims 1 and 3-6 respectively, and are rejected under the same rationale.

As per claim 13, it is rejected with same rationale as claim 1. Supra.

As per claim 14, Bleizeffer teaches an operating method for sequentially performing setting for plural items in predetermined order to perform setting for a processor, the method comprising the steps of:

Carrying out a processing operation of the processor on the basis of the contents set for the plural items (figure 9, each operation on the left side of the frame is a item)

Displaying all the plural items in a single frame of a display wherein items which have been already set along with their parameters (figure 18, column 13, lines 15-55; Jobs are also information parameters set by the user), items which are being set along with parameters to choose from, and items which have been assigned; (column 2, lines 44-61; figure 18, column 13 lines 15-55; Jobs completed are items with parameters set. Jobs are that running are items being set. Jobs that are ready to run are items not yet been set) and

Items which have been assigned and not yet been set are displayed in the single frame of the display so as to be distinguishable from one another; and

Maintaining the content set for the plural items. (column 8, lines 10-28)

As per claim 16, Bleizeffer teaches an operating method for sequentially performing setting for plural items in predetermined order to perform the setting for a processor, the method comprising:

Enabling provision of instruction by a user for all the settings for the plural items to be initial settings; (figure 9, each operation on the left side of the frame is a item) and

Displaying all of the plural items in a single frame of a display when one of a plural setting frames is displayed, wherein all of the items which have bee n already set along with their set parameters, items which are being set along with parameters to choose from, (column 2, lines 44-61; figure 18, column 13 lines 15-55; Jobs completed are items with parameters set. Jobs are that running are items being set. Jobs that are ready to run are items not yet been set) and items which have been assigned and not yet been set are displayed in the single frame of the display so as to be distinguishable from one another. (figure 9, the window is a single frame)

As per claim 17, Bleizeffer teaches the operating method as claimed in claim 16. Bleizeffer further teaches wherein the instruction is provided on an initial frame. (figure 9, the instruction on the right side of the frame is the initial instruction.)

As per claim 18, Bleizeffer teaches an operating device for sequentially performing settings for plural items in predetermined order to perform setting for a processor, the device comprising:

A holding unit that holds contents set for the plural items after the processing operation

of the processor is carried out on the basis of the contents set for the plural items; (column 8,

lines 10-28)

A single frame of a display displaying all of the plural items when one of a plural setting

frames is displayed, (figure 9, the window is a single frame) wherein all of the items which have

been already set along with their set parameters, (figure 18, column 13, lines 15-55; Jobs are also

information parameters set by the user) items which are being set along with parameters to

choose from, and items which have assigned and not yet been set are displayed in the single

frame f the display so as to be distinguishable from on another. (column 2, lines 44-61; figure 18,

column 13 lines 15-55; Jobs completed are items with parameters set. Jobs are that running are

items being set. Jobs that are ready to run are items not yet been set)

As per claim 20, it is rejected with the same rationale as claim 16. Supra.

As per claim 21, it is of the same scope as claim 17. Supra.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

Claims 15 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Bleizeffer US Patent 6,115,720 in view of Shiels, U.S. Patent 5,751,953.

As per claim 15, Bleizeffer teach the method of claim 14 (see rejection above). Bleizeffer does not teach the operating method as claimed in claim 14, wherein after the processing operation of the processor is executed, an instruction can be provided as to whether the contents set for the plural items are maintained or the contents set are cleared.

Shiels teaches wherein after a processing operation of the processor is executed, an instruction can be provided as to whether the contents set for the plural items are maintained or the contents set are cleared (see Shiels, column 7, lines 32 – 35). It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the method of Shiels with the method of Bleizeffer in order to allow a user to save or discard settings set for a particular process.

As per claim 19, it is of similar scope to claim 15 and is rejected under the same rationale as claim 15 (see rejection above).

Response To Argument

Applicant's arguments with respect to claims 1-21 have been considered but are deemed to be moot in view of the new grounds of rejection.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peng Ke whose telephone number is (571) 272-4062. The examiner can normally be reached on M-Th and Alternate Fridays 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine L. Kincaid can be reached on (571) 272-4063. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Peng Ke

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